

TEST REPORT

2023AN0650

DATE OF RECEPTION

Date Format: dd/MM/yyyy 22/03/2023

DATE TESTS

Starting: 24/03/2023

Ending: 12/05/2023

APPLICANT

GABRIEL A/S
HJULMAGERVEJ, 55
DK-9000 Ålborg
Denmark

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer			AITEX sample description
2023AN0650-S01	art. Beyond Loop	60999	Black	Fabric
2023AN0650-S02	art. Beyond Loop	60344	Dark Grey	Fabric
2023AN0650-S03	art. Beyond Loop	60343	Grey	Fabric
2023AN0650-S04	art. Beyond Loop	61163	Dark Beige	Fabric
2023AN0650-S05	art. Beyond Loop	68297	Yellow Green	Fabric
2023AN0650-S06	art. Beyond Loop	66086	Blue	Fabric
2023AN0650-S07	art. Beyond Loop	64265	Red	Fabric
2023AN0650-S08	art. Beyond Loop	62142	Dark Yellow	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.

Tests marked with * are not included within the scope of the ENAC accreditation.





RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

WEATHER-OMETER, ATLAS CI 3000 (C-19816)

Starting test date

10/05/2023

Ending test date

12/05/2023

Exposure conditionsBlack Panel 63°C, Relative humidity 30%, 420 nm², 1'10 W/m²**Total radiant energy**6912 KJ/m²**Test conditions**

Without simple rotation, Mounting Procedure Backed.

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Grey Scale (0278N12)

Reference	Light fastness
2023AN0650-S01	5
2023AN0650-S02	5
2023AN0650-S03	5
2023AN0650-S04	5
2023AN0650-S05	5
2023AN0650-S06	5
2023AN0650-S07	5
2023AN0650-S08	5

Remark

The fastness grade indicated comes up to:

- Depth change: No notes
- Hue change: No notes
- Brightness change: No notes

>>>



MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE

VALUE	MEANING
5	VERY GOOD- EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR BAHAVIOUR
1	VERY POOR

///

Reference	Description
2023AN0650-S01	art. Beyond Loop 60999 Black
2023AN0650-S02	art. Beyond Loop 60344 Dark Grey
2023AN0650-S03	art. Beyond Loop 60343 Grey
2023AN0650-S04	art. Beyond Loop 61163 Dark Beige
2023AN0650-S05	art. Beyond Loop 68297 Yellow Green
2023AN0650-S06	art. Beyond Loop 66086 Blue
2023AN0650-S07	art. Beyond Loop 64265 Red
2023AN0650-S08	art. Beyond Loop 62142 Dark Yellow



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

24/03/2023

Ending test date

06/04/2023

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2023AN0650-S01	8
2023AN0650-S02	8
2023AN0650-S03	8
2023AN0650-S04	8
2023AN0650-S05	8
2023AN0650-S06	8
2023AN0650-S07	8
2023AN0650-S08	8

Remark

The fastness grade indicated comes up to:

- Depth change: No notes
- Hue change: No notes
- Brightness change: No notes

MEANING OF COLOUR VALUES FASTNESS TO ARTIFICIAL LIGHT

VALUE	MEANING
8	EXCELLENT
7	VERY GOOD
6	GOOD
5	MODERATE
4	FAIR
3	POOR BEHAVIOUR
2	POOR BEHAVIOUR
1	VERY POOR

///

Reference	Description
2023AN0650-S01	art. Beyond Loop 60999 Black
2023AN0650-S02	art. Beyond Loop 60344 Dark Grey
2023AN0650-S03	art. Beyond Loop 60343 Grey
2023AN0650-S04	art. Beyond Loop 61163 Dark Beige
2023AN0650-S05	art. Beyond Loop 68297 Yellow Green
2023AN0650-S06	art. Beyond Loop 66086 Blue
2023AN0650-S07	art. Beyond Loop 64265 Red
2023AN0650-S08	art. Beyond Loop 62142 Dark Yellow



Isabel Soriano
Chief of Innovation Area



Date: 16/05/2023 14:06:31

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

LIABILITY CLAUSES

- 1.- AITEX is liable only for the results of the methods of analysis used, as expressed in the report and referring exclusively to the materials or samples indicated in the same which are in its possession, the professional and legal liability of the Centre being limited to these. Unless otherwise stated, the samples were freely chosen and sent by the applicant.
- 2.- AITEX shall not be liable in any case of misuse of the test materials nor for undue interpretation or use of this document
- 3.- The Offer and / or Order to which the applicant gives approval through signature and seal, constitutes the Legally Executable Agreement in which AITEX is responsible for safeguarding and guaranteeing the absolute confidentiality of the management of all the information obtained or created during the performance of the contracted activities.
- 4.- In the eventuality of discrepancies between reports, a check to settle the same will be carried out in the head offices of AITEX. Also, the applicants undertake to notify AITEX of any complaint received by them as a result of the report, exempting this Centre from all liability if such is not done, the periods of conservation of the samples being taken into account.
- 5.- AITEX will provide at the request of the person concerned, the treatment of complaints procedure. In the event that you want to make it, direct it to: calidad@aitex.es.
- 6.- AITEX is not responsible for the information provided by customers, which is reflected in the Report, and may affect the validity of the results.
- 7.- AITEX is not responsible for an inadequate state of the sample received that could compromise the validity of the results, expressing such circumstance, in the test reports.
- 8.- AITEX may include in its reports, analyses, results, etc., any other evaluation which it considers necessary, even when it has not been specifically requested.
- 9.- When a Declaration of Conformity is requested, if not indicated otherwise, the decision rule according to ILAC-G8: 2009 will be applied with a security zone of 1U and a Probability of False Acceptance <2.5%.
- 10.- The uncertainties of tests, which are made explicit in the Results Report, have been estimated for a $k = 2$ (95% probability of coverage). If not informed, they are available to the client in AITEX.
- 11.- The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
- 12.- This report may only be sent or delivered by hand to the applicant or to a person duly authorised by the same.
- 13.- The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 14.- The client must attend at all times, to the dates of the realization of the tests.
- 15.- According to Resolution EA (33) 31, the test reports must include the unique identification of the sample, and any brand or label of the manufacturer may be added. It is not allowed to re-issue test reports of untested sample names (references), they can only be re-issued for error correction or inclusion of omitted data that were already available at the time of the test. The laboratory can not assume responsibility for declaring that the product with the new trade name / trademark is strictly identical to the one originally tested; This responsibility belongs to the client.
- 16.- This report may not be partially reproduced without the written approval of the issuing laboratory.
- 17.- AITEX laboratories do not carry out sampling, so that the results of the test reports are applicable to the sample as it was received.